

台湾耳蕨属一新种*

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A NEW SPECIES OF *POLYSTICHUM* (DRYOPTERIDACEAE) FROM TAIWAN, CHINA

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关键词 耳蕨属; 台中耳蕨

台中耳蕨 新种 图 1:1~5

Polystichum taizhongense H. S. Kung, sp. nov.

Species affinis *P. moupinensi* (Franch.) Bedd., sed pinnis reflexis, apice obtusis, fere ad costam pinnatifidis; segmentis 2~4-jugis; indusiis convexis apice depressis differt.

Tota planta c. 10~15 cm alta. Rhizoma non visum. Stipes 3~5 cm longus, basi 1~2 mm diametro, stramineus, versus basin brunneus, ventraliter canaliculatus, paleis anguste lanceolatis et linearibus flavo-brunneis onustus, necnon paleis anguste ovatis brunneis prope basin mixtus; lamina lineari-lanceolata, 8~12 cm longa, 1.6~2.5 cm lata, apice acuminata, basi angustata, bipinnatifida; pinnae 19~24-jugae, alternae, reflexae, sessiles, ovatae vel anguste ovatae, mediae 6~14 mm longae, 4~6 mm latae, apice obtusae, basi late cuneatae vel rotundato-cuneatae, pinnatifidae; segmentis 2~4-jugia, suboppositis, leviter ascendunt, oblongis, c. 2 mm longis, 1 mm latis, margine superne serratis; venae in segmentis pinnatae, utrinque leviter elevatae. Pagina frondis textura chartacea, supra paleis fibrosis sparsim, subtus paleis flavo-brunneis anguste lanceolatis vestita; rhachides ventraliter canaliculatae, utrinque paleis linearibus flavo-brunneis vestitae. Sori utroque costae latere 1-seriati, ad apicem nervulorum siti; indusia rotunda, peltata, convexa, apice depressa, margine irregulariter undulata.

Taiwan(台湾): Taizhong(台中), Nanhudashan(南湖大山), on alpine scree with only sparse herbs, alt. 3500 m, 1991-08-12, S. J. Moore(牟善杰)12815 (type, PYU; isotype, S. J. Moore Herbarium); ibid. S. J. Moore 12810.

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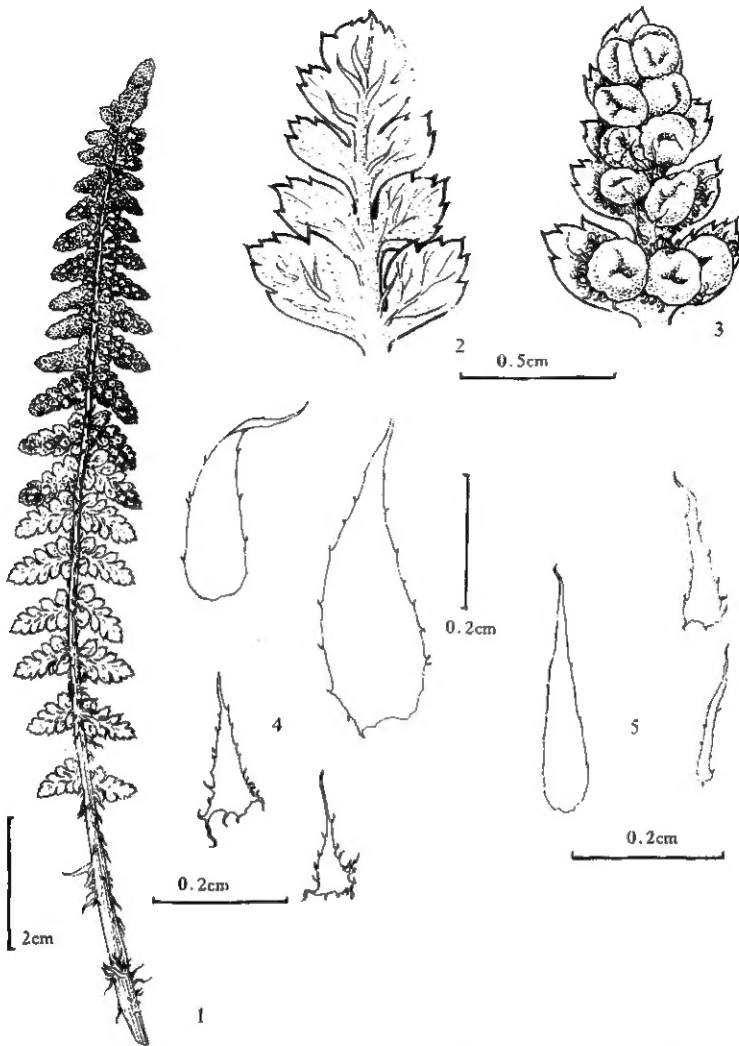


图1 台中耳蕨 1.叶; 2.羽片背面示小鳞片; 3.羽片背面示囊群; 4.叶柄鳞片; 5.叶轴鳞片。

Fig.1 *Polystichum taizhongense* H.S.Kung 1. frond; 2. undersurface of pinna showing small scales; 3. undersurface of pinna showing sori; 4. scales of petiole; 5. scales of rachis.

植株高约 10~15 cm, 根茎未见。叶柄长 3~5 cm, 基部直径 1~2 mm, 禾秆色基部带棕色, 腹面有浅纵沟, 密生狭披针形及线形黄棕色鳞片, 基部混生狭卵形棕色鳞片。叶片线状披针形, 长 8~12 cm, 宽 1.6~2.5 cm, 先端渐尖, 基部变狭, 二回羽状深裂; 羽片 19~24 对, 互生, 略斜向下, 柄极短, 卵形或狭卵形, 中部的长 6~14 cm, 宽 4~6 mm, 先端钝圆, 基部宽楔形或圆楔形, 羽状深裂; 裂片 2~4 对, 近对生, 略斜向上, 矩圆形, 长约 2 mm, 宽约 1 mm, 上部有小尖齿; 裂片具羽状脉, 两面微凸起; 叶片纸质, 腹面疏生纤毛状小鳞片, 背面有较多披针形小鳞片; 叶轴腹面有浅纵沟, 两面对称有线形黄棕色鳞片。孢子囊群位于羽轴两侧各 1 行, 生于小脉顶端; 囊群盖圆形, 盾状, 拱凸状而顶端凹下, 边缘呈不规则的波状。

本种近穆坪耳蕨 *P. moupinense* (Franch.) Bedd., 但羽片斜向下, 先端钝圆, 羽状深裂几达羽轴; 裂片 2~4 对; 囊群盖拱凸状且顶端凹下而不同。